●UROPEAN PATENT OF●CE

Patent Abstracts of Japan

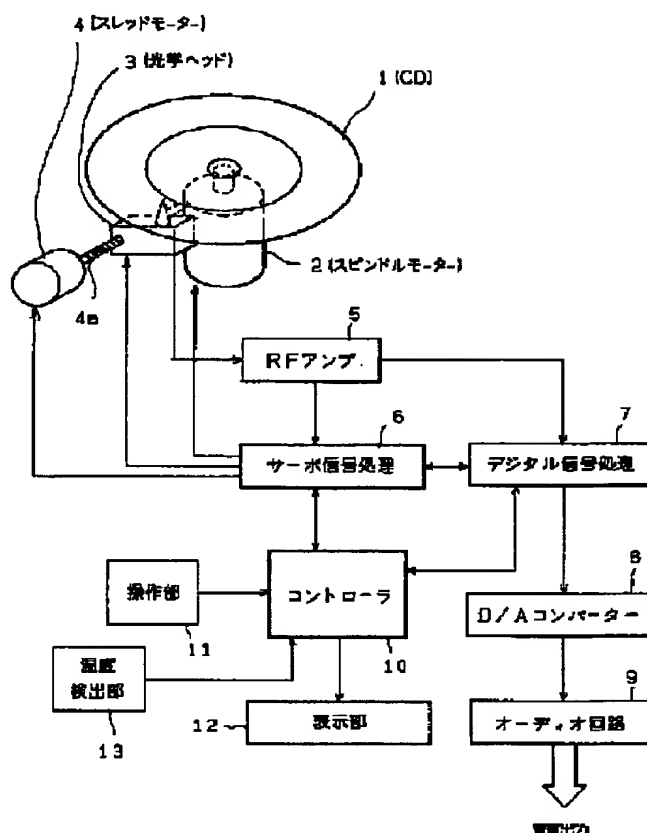PUBLICATION NUMBER : 09106637
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TITLE : SLIDE MOVING APPARATUS

ABSTRACT : PROBLEM TO BE SOLVED: To realize a quick slide moving with a simplified control process by calculating the slide moving time from the current position data of a head mechanism and the position data as the moving target position to perform the slide moving only for the calculated time.

SOLUTION: In the case of moving an optical head 3 within a CD 1, a controller 10 receives a moving command from an operating means 11 to cause a sled motor 4 to drive. The controller 10 calculates the time for sled moving by the arithmetic operation of function using the current position data, namely absolute time information of address read from a sub-code by the current optical head 3 and the target position data, namely absolute time information of address assumed as the moving object of access. Upon calculation of this time, the time is set in the internal timer, causing the servo signal processing circuit 6 to drive the optical head 3 to the target position. During the sled movement, the timer is supervised for the stopping control. Stop position is set to the target position.